

Abstract of the Disclosure:

An optical aligning apparatus includes: a pendulum disk having a laser illuminator mounted in a lower portion of the pendulum disk, a multiple-pole magnet annularly formed on a collar concentrically secured on a shaft of a rotary machine, an electromagnetic coil device secured in the pendulum disk and rotatably disposed around the multiple-pole magnet formed on the collar; whereby upon rotation of the rotary machine to simultaneously rotate the magnet on the collar secured on the shaft relative to the electromagnetic coil device on the pendulum disk which is gravitationally pendent and stationary, the electromagnetic coil will be electromagnetically induced to produce electricity to power the laser illuminator for projecting a laser optical line to an object for alignment or marking in order to be processed by the rotary machine.